SEQUENCE LISTING

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      COLLINGWOOD, Trevor
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      JOHNSTONE, Brian

<120> DATABASES OF REGULATORY SEQUENCES; METHODS OF MAKING AND USING SAME

<130> 8325-0015

<140> 09/844,501
<141> 2001-04-27

<150> 60/200,590
<151> 2000-04-28

<150> 60/214,674
<151> 2000-06-27

<150> 60/228,556
<151> 2000-08-28

<160> 24

<170> PatentIn Ver. 2.0

<210> 1
<211> 6
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Kpn 1 target
      site

<400> 1
ggtacc   6

<210> 2
<211> 25
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: adapter
      oligonucleotide

<400> 2
gcggtgaccc gggagatctg aattc   25

<210> 3

```
<211> 11
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:  adapter
      oligonucleotide

<400> 3
ctagacttaa g                                                    11

<210> 4
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:  Bax
      gene-specific primer

<400> 4
gcccatcact gagaaatccc ttcc                                      24

<210> 5
<211> 27
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:  adapter
      oligonucleotide

<400> 5
gcggtgaccc gggagatctg aattctt                                   27

<210> 6
<211> 25
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:  adapter
      oligonucleotide

<400> 6
cgccactggg ccctctagac ttaag                                     25

<210> 7
<211> 60
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:  adapter
```

2

oligonucleotide

<400> 7
tagaaggcac agtcgaggac ttatcctagc ctctgaatac tttcaacaag ttacaccctt 60

<210> 8
<211> 66
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: adapter
      oligonucleotide

<400> 8
aaaaaaaatc ttccgtgtca gctcctgaat aggatcggag acttatgaaa gttgttcaat 60
gtggga   66

<210> 9
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:
      adapter-specific primer

<400> 9
aggcacagtc gaggacttat ccta   24

<210> 10
<211> 122
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: insert
      sequence

<400> 10
ccggcctcgg tgttttcggc tttttcctgg ccccccggccc gccaggccgg gccctctgct 60
gcccgctgaa tgggaggggg ggcggggtca cgtggcgggg ggagggggagg gccgtcgcga 120
tc   122

<210> 11
<211> 249
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: insert
      sequence

<400> 11

3

```
ccgggcgcca agggaagccg ggcgctgccc cctgctggcc aggttcgggc gcggcgccgc 60
ggaggggcct cccctctctg gagagaattg aaggggggtcc ggtgtggagc cccggctggc 120
tccgggctgg ggctgaccgg ctctgtgacc ttgggcaggt cactgcatct ctccaagcct 180
cagtttgcac gtctgtcaaa tagaggggca ttctctcact ttgcagggtc cctggaaata 240
agtgagatc                                                       249
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<210> 12
<211> 1042
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: accessible
      region sequence

```
<400> 12
gatcggagtt cgagaccagc ccggccaact ggtgaaaccc tgtctctact aaaaaaatac 60
aaaaggagtt cgagaccagc ccggccaact ggtgaaaccc tgtctctact aaaaaaatac 120
aaaaattagc tgggtgtggt ggtgcacgcc tgtcatccca gctacttggg aggctgagat 180
aggaattagc tgggtgtggt ggtgcacgcc tgtcatccca gctacttggg aggctgagat 240
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cagtgcccag ggctgtacac caggtgccag tactggcagc aattcttcca gttattgtga 540
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agcaatgtgg ctccaactac tggctgatgt gagacggtac cggatgtggc tccaactact 1020
ggctgatgtg agacggtacc gg                                        1042
```

<210> 13
<211> 12
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: adapter
      oligonucleotide containing a Sau 3AI-compatible
      end

```
<400> 13
gatcgaattc ag                                                    12
```

<210> 14
<211> 8
<212> DNA
<213> Artificial Sequence

<220>

4

```
<223> Description of Artificial Sequence:  adapter
      oligonucleotide containing a Sau 3AI-compatible
      end

<400> 14
cttaagtc                              .                        8

<210> 15
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:  p16 forward
      primer

<400> 15
aatagcacct cctccgagca                                        20

<210> 16
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:  p16 reverse
      primer

<400> 16
ccctgtccct caaatcctct g                                      21

<210> 17
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:  p16 probe

<400> 17
acagcgtccc cttgcctgga aag                                    23

<210> 18
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:  Control
      forward primer

<400> 18
gccccagagg gaaacacaa                                         19
```

5

```
<210> 19
<211> 17
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:   Control
      reverse primer

<400> 19
cccccacccc cataagc                                                17

<210> 20
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:   Control probe

<400> 20
cctccatggt ggtacccagc aagg                                        24

<210> 21
<211> 48
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:   EPAS
      amplifier primer

<400> 21
ggatccggcc accgcggccg cacgcccaat agccctgaag actattac              48

<210> 22
<211> 44
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:   EPAS
      amplifier primer

<400> 22
atgaattcgc ggccgcccca ctgggtattg gatctgcccc ccat                  44

<210> 23
<211> 109
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:   human VEGF
```

accessible region

<400> 23
atcagagaca ggctctgtct gccagctgtc tctccctcag ggctctgcca gactccacag 60
tgcatacgtg ggcttccaca ggtcgtctcc ctccggccac tgactaact   109

<210> 24
<211> 134
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: human VEGF
      accessible region

<400> 24
catctggggt tgggggggca gcaggaacaa gggcctctgt ctgcccagct gcctcccct 60
ttgggttttg ccagactcca cagtgcatac gtgggctcca acaggtcctc ttccctccca 120
gtcactgact aacc   134